

**ACADEMICIAN PUBLISHER  
SCIENTIFIC RESEARCHES BOOK  
2018**

**HEALTH SCIENCES  
BASIC MEDICAL SCIENCES**

**Editors  
Özkan OĞUZ  
Ümit LÜLEYAP  
Sait POLAT**



AKADEMİSYEN  
KİTABEVİ

© Copyright 2018

*Printing, broadcasting and sales rights of this book are reserved to Academician Publishing House Inc. All or parts of this book may not be reproduced, printed or distributed by any means mechanical, electronic, photocopying, magnetic paper and/or other methods without prior written permission of the publisher. Tables, figures and graphics cannot be used for commercial purposes without permission. This book is sold with banderol of Republic of Turkey Ministry of Culture.*

**ISBN**  
978-605-258-055-4

**Publishing Coordinator**  
Yasin Dilmen

**Name of Book**  
Health Sciences  
Basic Medical Sciences

**Page and Cover Design**  
Akademisyen Dizgi Ünitesi

**Editors**  
Özkan OĞUZ  
Ümit LÜLEYAP  
Sait POLAT

**Publisher Certificate Number**  
25465

**Printing and Binding**  
Bizim Dijital Matbaacılık  
ANKARA/2018

**DOI**  
10.37609/akya.1628

## GENERAL DISTRIBUTION

### Akademisyen Kitabevi A.Ş.

Halk Sokak 5 / A  
Yenişehir / Ankara  
Tel: 0312 431 16 33  
siparis@akademisyen.com

**www.akademisyen.com**

## PREFACE

The directors of Academician Publishing House, have been conducting their commercial activities for a long time by transferring their 30 years of broadcasting experience to their legal entities. In the said period, it was proud to publish 750 books, particularly health and social sciences, cultural and artistic topics. The Academician, that defines the platform of being an international publishing house, is in the pursuit of creating a global brand in addition to broadcasting in Turkish and foreign languages.

The books, which are considered as permanent documents of scientific and intellectual studies, are the witnesses of hundreds of years as an information recording platform. **The future of the book, which has built on a solid basis with the invention of the printing press, will certainly have a place in our lives for a long period of time, even though it has moved into orbit of new inventions.**

Academician Publishing House has started the process of publishing books in international quality and quantity with its own name of “**Scientific Research Book**” series in Turkish and English. The publication process, which will take place in March and September every year, will continue with thematic sub titles. We owe to our thanks to all of our researchers who supported this process, which was starting with about 30 books, and to everyone in the background.

**Academician Publishing House Inc.**



# CONTENTS

Chapter 1	Male Reproductive System and Infertility: A Common Relationship .....	1
	<i>Pınar KÖROĞLU</i>	
Chapter 2	Cadherins: Cell Adhesion Molecules .....	15
	<i>Hasan ASKER</i>	
Chapter 3	Potassium Channels .....	25
	<i>Barış UZUNOK</i>	
Chapter 4	Evaluation of Total Oxidant and Antioxidant Levels in Chronic Hepatitis D and Inactive Hepatitis B Patients .....	33
	<i>İlhan SABANCILAR, Tuğba GÜR, Gülten TOPRAK, Nida ÖZCAN</i>	
Chapter 5	Iron Overload Syndromes and Chelating Ligands .....	41
	<i>Gülüzar ÖZBOLAT</i>	